

Order 11389

28 Dec

2



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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007235

D350-607-541
Job Sheet 186843



Part No: D350-607-541

Job Qty: 1 ea

Part Name: AS350/AS355 Quick Release Heli-Utility-Basket™ Long, Heavy Duty Lid



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/22/18

Job Tracking No:

Due Date: 12/28/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: IIN-D350-607 REV E SHEET 22 IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B 11.02.09 add to install label DD verf by:EC IPP REV:C 12.03.06 AS PER ECN12-535 DD VERF:EC IPP REV:D 12.07.24 AS PER ECN 12-610 DD VERF:EC IPP REV:E 13.08.21 CHG005 / ECN 13-624 DD VERF:JLM IPP REV:F 14.06.09 AS PER ECN14-572 DD VERF:JLM IPP REV:G 16.09.12 added note at seq120 PAR16-515 DD VERF:JLM IPP Rev.H 17.06.08 As Per IIN Rev.E DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		12/28/18	0.00	0.00	Start Up Stores/Pkg-2		DAS 8 2018
110	Packaging	1 pcs		12/28/18	0.00	0.00	Packaging1-3		DAS 8 2018
120	QC	1 pcs		12/28/18	0.00	0.00	QC4		DAS 8 2018
130	Packaging	1 pcs		12/28/18	0.00	0.00	Packaging3-1		DAS 8 2018
135	DC	1 pcs		12/28/18	0.00	0.00	DC		DAS 8 2018
140	QC21-FG	1 Ea		12/28/18	0.00	0.00	QC21		DAS 8 2018

Part Op 130 - Package as per PPPD350-607-541
Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-607-541 CHG008

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN310C4	Nut	1 Ea (1 ea)	90-Start up Operation	5103954
AN4-13A	Bolt	6 Ea (6 ea)	90-Start up Operation	5145326
AN4C15	BOLT	1 Ea (1 ea)	90-Start up Operation	5115600
D2690-6	Lanyard	1 Ea (1 ea)	90-Start up Operation	5134239
D3912-041	Eyebolt Receiver Assembly	1 Ea (1 ea)	90-Start up Operation	5136047
D4086-200	Placard, Max Load	1 Ea (1 ea)	90-Start up Operation	5112504
D4150-041	Attachment Arm Assembly	1 Ea (1 ea)	90-Start up Operation	5130557
D4151-041	Basket Fwd Hardpoint Assembly, Lower	1 Ea (1 ea)	90-Start up Operation	5120922
D4151-043	Basket Fwd Hardpoint Assembly, Upper	1 Ea (1 ea)	90-Start up Operation	5135944
D4917-300	Placard, Max Load	1 Ea (1 ea)	90-Start up Operation	5124504
MS17984-C413	Quick Release Pin	1 pcs (1 ea)		5124733

DAS 70 9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework ☐		Skid-tube ☐		Water Jet ☐		Engineering ☐	
NCR No. _____		Scrap ☐		Machining ☐		Eng. Coord. ☐		Quality ☐	
		Use-as-is ☐		Thermoforming ☐		Packaging ☐		Other ☐	
Suspected Unapproved ☐						Supplier ☐			
Date : _____		Step #: _____		MRB (QSI042) Approval					
Description Work Order Deviation				Completed By					
				Lead hand / Supervisor Approval Verification					
				QA Coordinator Approval					
Root Cause				CAUSE CATEGORY					
Environment ☐		No Re-verification ☐		Pressure ☐		Power Loss/Surge ☐		Positioned Wrong ☐	
Design ☐		Operator ☐		Bending ☐		Folio/Program ☐		Outside Dimensions ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not ☐		Grain ☐		Over/Under tolerance ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Weld ☐		Part Incorrect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/R ☐		Wrong Stock Pulled ☐		Part Lost/Missing ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Out of Sequence ☐		Part Moved ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Off-set ☐		Drawing ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Mislabeled ☐		Finish ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Fit/Function ☐		Misread ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Misaligned/off center ☐		Turning Sequence ☐	
Past Expiry Date ☐		Manufacturing Process ☐							
Misidentified ☐		Past Due ☐		OTHER : _____					

MS21042L4	Nut	6 Ea (6 ea)	90-Start up Operation	512434
MS24665-151	Cotter Pin	1 Ea (1 ea)	90-Start up Operation	5053951
NAS1149C0463R	Washer	3 Ea (3 ea)	90-Start up Operation	5124661
NAS1149F0432P	Washer	12 Ea (12 ea)	90-Start up Operation	5131202
NAS1515H4L	Washer	2 Ea (2 ea)	90-Start up Operation	5044189
D4085-3	Placard	1 Ea (1 ea)	90-Start up Operation	5127942
D350-607-511	AS350/AS355 Quick Release Basket/Long Cargo Tube Mounting Provisions, Fits LH/RH	1 Ea (1 ea)	110-Packaging	5126720
D4030-041	Long Basket Assembly (350)	1 Ea (1 ea)	110-Packaging	5140800

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN310C4	1	80	0
	AN4-13A	6	950	0
	AN4C15	1	71	0
	D2690-6	1	5	0
	D3912-041	1	15	0
	D4085-3	1	17	0
	D4086-200	1	23	0
	D4150-041	1	10	0
	D4151-041	1	10	0
	D4151-043	1	4	0
	D4917-300	1	18	0
	MS17984-C413	1	34	0
	MS21042L4	6	2,366	0
	MS24665-151	1	115	0
	NAS1149C0463R	3	485	0
	NAS1149F0432P	12	668	0
	NAS1515H4L	2	175	0
110-Packaging	D350-607-511	1	8	0
	D4030-041	1	1	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Description Work Order Deviation				Disposition																					

Root Cause <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Environment ☐</td> <td style="width:15%;">No Re-verification ☐</td> <td style="width:15%;">Pressure/Forced ☐</td> </tr> <tr> <td>Design ☐</td> <td>Operator ☐</td> <td>Bending ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> </tr> <tr> <td>Material ☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> </tr> <tr> <td>LOA ☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> </tr> <tr> <td>Substation ☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>Manufacturing Process ☐</td> <td></td> </tr> <tr> <td>Misidentified ☐</td> <td>Past Due ☐</td> <td></td> </tr> </table>				Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Design ☐	Operator ☐	Bending ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Past Expiry Date ☐	Manufacturing Process ☐		Misidentified ☐	Past Due ☐		FAULT CATEGORY <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Temperature/Cure ☐</td> <td style="width:15%;">Power Loss/Surge ☐</td> <td style="width:15%;">Positioned Wrong ☐</td> </tr> <tr> <td>Set-up ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>BOM/Route ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Broken/Damage/Defect ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Inspection Incomplete/Unqualified ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Contamination ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Countersink ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Cut Too Short ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>Instructions Incomplete/Unclear ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Drill Holes ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> </table>				Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Countersink ☐	Off-set ☐	Drawing ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
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5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
	X					D350-607-543	HELI-UTILITY-BASKET
		X				D350-607-545	HELI-UTILITY-BASKET
			X			D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
				8	8	D3501-1	BUSHING
				2	2	D3910-3	X-TUBE LUG
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
				8	8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1					1	D4917-300	PLACARD, MAX LOAD
1						D4086-200	PLACARD, MAX LOAD
	1				1	D4917-315	PLACARD, MAX LOAD
	1					D4086-215	PLACARD, MAX LOAD
		1			1	D4917-320	PLACARD, MAX LOAD
		1				D4086-220	PLACARD, MAX LOAD
			1		1	D4917-332	PLACARD, MAX LOAD
1	1	1	1	1	1	D4085-3	PLACARD, INSTRUCTIONS
			1			D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
				1	1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4150-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARDPOINT ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
				1	1	D4713-1	SPACER
				2	2	D4775-041	STRUT ASSEMBLY
				2	2	D4776-3	SKIDTUBE CLEVIS
6	6	6	6		6	AN4-13A	BOLT
				20	22	AN4-14A	BOLT
				4	4	AN4-42A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
				2	2	AN6-13A	BOLT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	24	32	MS21042L4	NUT (OR MS21042-4)
				2	2	MS21042L6	NUT
1	1	1	1		1	MS24665-151	COTTER PIN
				1	1	MS3367-5-0	TIE WRAP
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	40	56	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER
				4	4	NAS1149F0663P	WASHER

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Revision: F

Date: 18.11.21

Change Record

PAGE 1 OF 1

Part Number: D350-607-541/-541BK/-541GB/-541LG/-541YG

Description: HELI-UTILITY BASKET[illegible]

